



CALIFORNIA AGRICULTURAL EMPLOYMENT AND EARNINGS BULLETIN

January 1994

DECEMBER 1993

This bulletin covers 27 agricultural industries in the state of California. The number of industries range from five to seventeen within each of six geographic regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley and North Coast (refer to map for details). The data are organized into the following tables by state and region:

- Wage and Salary Workers (Table A).
- Agricultural Production Workers (Table B).
- Average Weekly Earnings of Production Workers (Table C).
- Average Hours Worked by Production Workers (Table D).
- Average Hourly Earnings of Production Workers (Table E).

NOTE-1: Data in this bulletin have been Benchmarked (revised and updated) to the first quarter 1993 universe of employment in the Unemployment Insurance Tax files.

NOTE-2: Data in this bulletin are now available electronically by dialing into (916) 262-2BBS (262-2227).

There were 274,800 workers employed in California agriculture during December, a decline of 20,900 from the November level of 295,700. (Table 1-A.) This was one percent above the December 1992 total. Employment declined in the Central Coast (Berries, Vegetables & Melons and Farm Labor Contracting), the Sacramento Valley (Vegetables & Melons, Farm Labor Contracting and Rice) and the South Coast (Vegetables & Melons, and Berries). The remaining regions had slight increases from their November employment levels.

Wage and Salary Workers in Agricultural Establishments

For December

1993

(In Thousands)

Industry	State- wide	San Joaquin	South Coast	Central Coast	Desert	Sacra- mento	North Coast
Total Agricultural	274.8	137.6	44.8	36.7	27.2	18.7	10.0
Total Crops	150.7	63.8	32.3	23.7	11.9	13.6	6.8
Total Livestock	25.5	13.2	2.1	1.0	5.4	1.7	1.8
Total Services	98.6	60.6	10.4	12.0	9.9	3.4	1.4

Source: Tables 1-A through 7-A.

CHANGES FROM ONE YEAR AGO

California's agricultural employment was 3,300 above the December 1992 total. This slight gain was mainly due to an increase in Farm Labor Contracting. All of this increase was in the San Joaquin Valley as all other regions were below their year ago levels. (Tables 1-A through 7-A.)

The average hourly earnings for California production workers in December 1993 was \$6.80, three cents above the year earlier figure. (Table 1-E).

REGIONAL CROP ACTIVITIES

According to the California Farm Labor Report (881A), the major regional crop activities during December were:

- Desert: Lettuce and sugar beets (preharvest), vineyards (prune).
- South Coast: Lemons (harvest), tomatoes and horticulture (plant, cultivate & harvest).
- Central Coast: Miscellaneous vegetables (preharvest/harvest), horticulture (plant, cultivate & harvest).
- San Joaquin Valley: Navel oranges (harvest); rose plants, and miscellaneous vegetables (plant, cultivate & harvest); orchards and vineyards (prune); vineyards (prune & tie).
- Sacramento Valley: Orchards (prune).
- North Coast: None.

AGRICULTURAL PRODUCTION WORKERS

Statewide agricultural production worker employment was 247,700 in December, down 20,600 from the November level of 268,300. (Table 1-B.)

Production worker average weekly earnings in California were \$265.88 in December. Regional averages ranged from a low of \$251.81 in the San Joaquin Valley to a high of \$307.44 in the Central Coast. (Tables 1-C through 7-C.)

California's average hourly workweek was 39.1 hours in December, 0.9 hours below the November level. The region with the shortest workweek was the Sacramento Valley at 38.5 hours. The longest workweeks were in the Central Coast and Desert at 40.4 hours. (Tables 1-D through 7-D.)

Average Hourly Earnings of Production Workers

For December 1993

(In Dollars per Hour)

Industry	State-wide	San Joaquin	South Coast	Central Coast	Desert	Sacramento	North Coast
Total Agricultural	6.80	6.49	6.99	7.61	6.89	6.66	7.33
Total Crops	6.76	6.58	6.93	7.24	6.50	6.62	7.19
Total Livestock	7.39	7.39	7.37	7.62	8.03	6.56	6.96
Total Services	6.68	6.14	7.12	8.37	6.58	6.92	8.64

Source: Tables 1-E through 7-E.

DATA SOURCES:

The data are obtained from two sources: the Employment Development Department (EDD) Unemployment Insurance (UI) files and a monthly survey, conducted by the Labor Market Information Division of EDD, of 4,000 agricultural employers. This sample, about 14 percent of the employers, was selected to be statistically representative of the state's agricultural employers by size, geographic location and industry categories.

Sample data are gathered for the week that includes the 12th calendar day of the month; thus all data in these bulletins represent activities taking place during this mid-month period.

DATA COMMENTS:

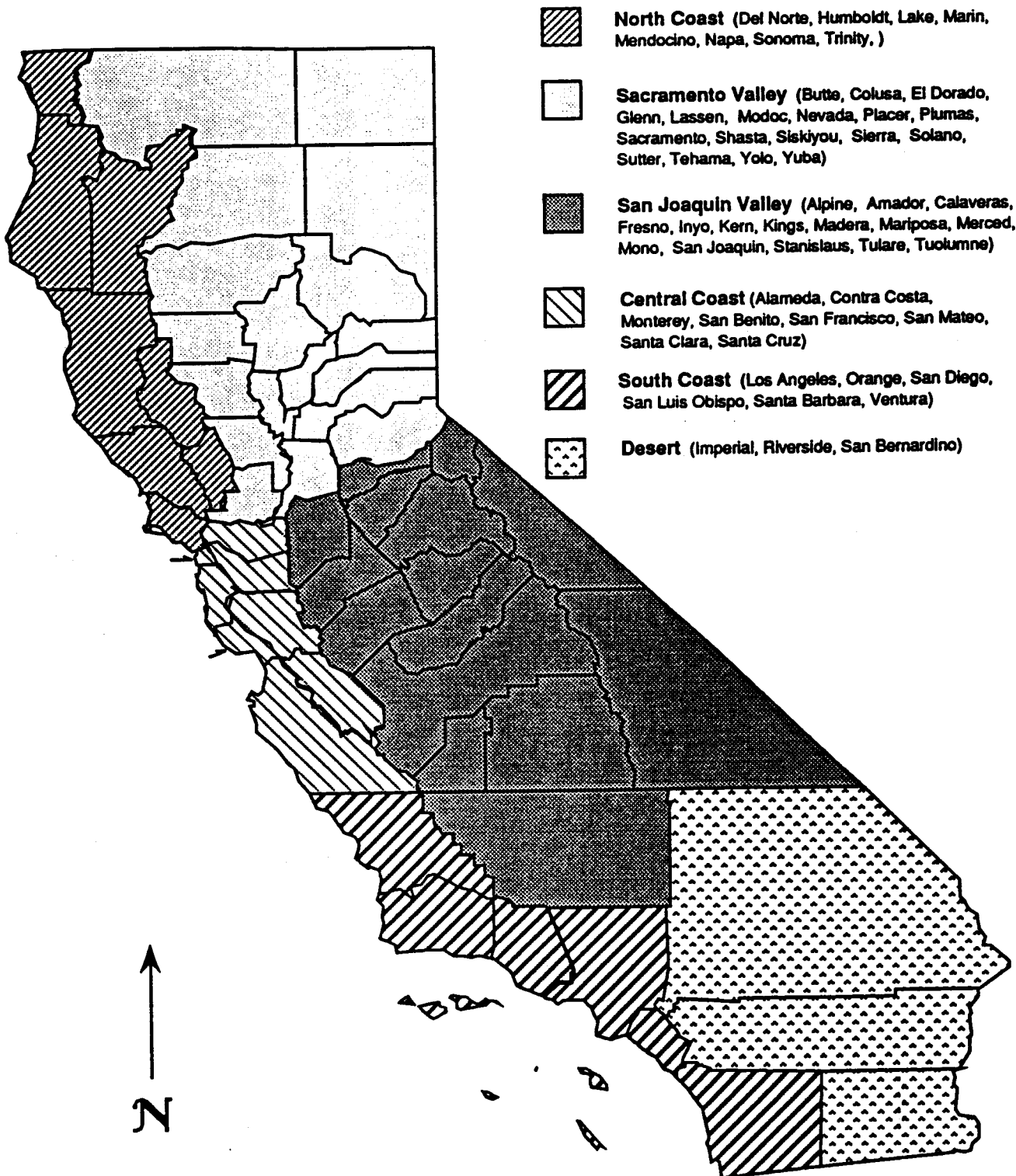
ESTIMATES FOR THE STATE AND SIX REGIONS ARE INDEPENDENTLY DERIVED. THEREFORE, THE SUM OF THE REGIONAL ESTIMATES WILL NOT NECESSARILY EQUAL THE STATEWIDE TOTAL.

To aid in accurate usage and interpretation of the data, please note the following:

- Employment data do not include employers or unpaid family workers.
- Figures for the current month are preliminary and subject to revision.
- Total agricultural employment estimates in this bulletin are derived from a monthly sampling project: the Current Employment Statistics for Agriculture. Estimates in this bulletin will differ from other agricultural estimates published by this department because of differences in the number of agricultural industries covered and in the definition of workers.

If you wish to be placed on our mailing list to receive future issues of this publication, please send your name and address to: **Special Projects Unit, Labor Market Information Division, Employment Development Department, P.O. Box 826216, Sacramento, CA 94299-0019** or call (916) 262-2321. (Calnet 8-469-2321).

CES-AG REPORTING REGIONS
LABOR MARKET INFORMATION DIVISION
EMPLOYMENT DEVELOPMENT DEPARTMENT



CALIFORNIA

Wage and Salary Employment

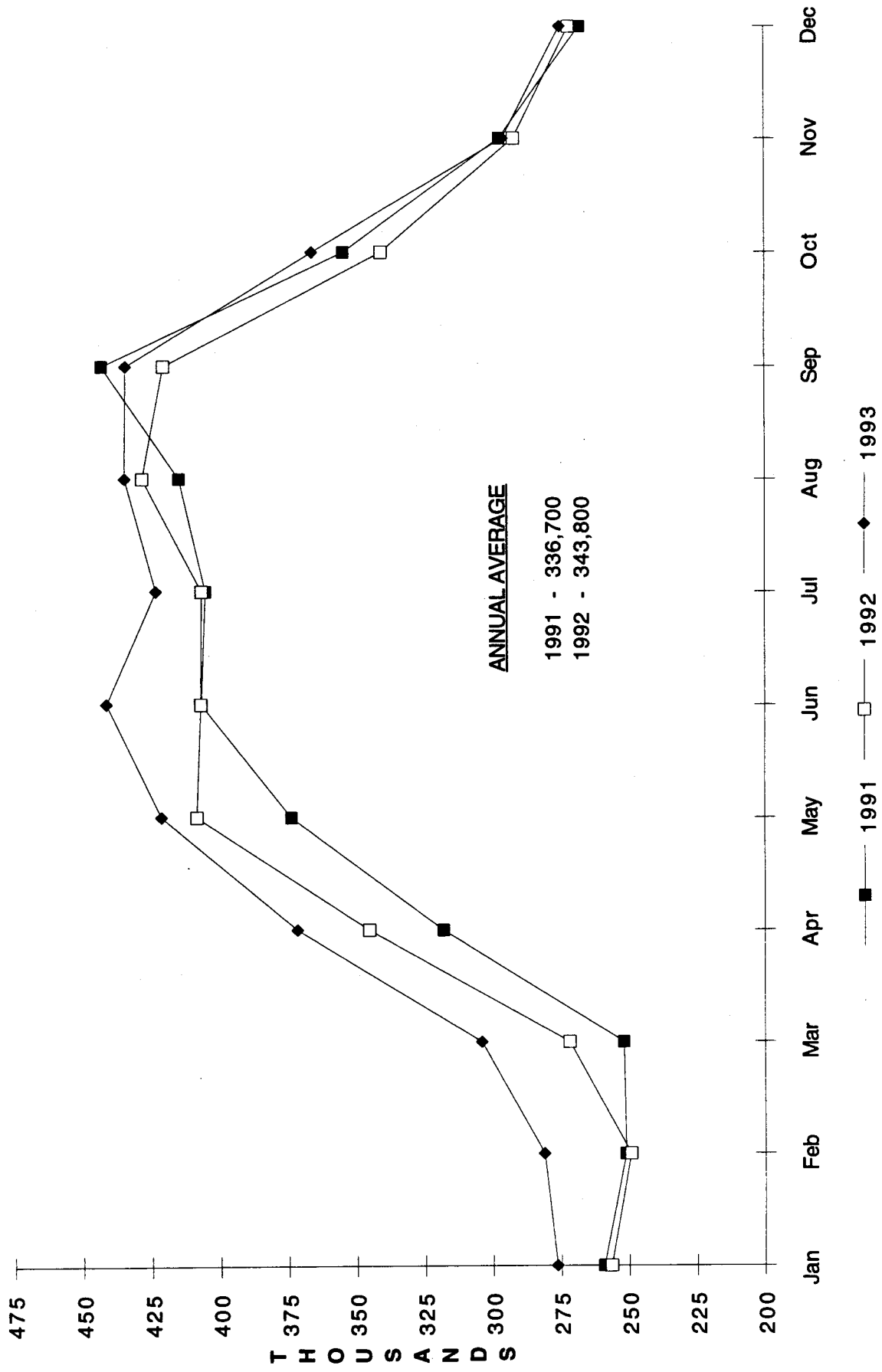


TABLE 1-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
CALIFORNIA
(IN THOUSANDS)

INDUSTRY	DEC 1993	NOV 1993	DEC 1992
TOTAL AGRICULTURAL	274.8	295.7	271.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	150.7	167.7	150.9
CASH GRAINS	2.1	2.5	2.3
RICE	1.1	1.4	1.2
OTHER CASH GRAINS	1.0	1.1	1.1
FIELD CROPS EXCEPT CASH GRAINS	10.7	12.7	9.2
COTTON	5.9	7.1	5.5
OTHER FIELD CROPS	4.8	5.6	3.7
VEGETABLES AND MELONS	22.5	30.7	22.1
TOTAL FRUITS AND TREE NUTS	61.0	65.0	59.8
BERRIES	4.7	11.4	6.4
GRAPES	23.5	19.3	21.6
TREE NUTS	6.0	7.8	6.9
CITRUS FRUITS	5.8	6.1	5.4
DECIDUOUS TREE FRUIT	11.6	10.5	10.9
OTHER FRUITS AND NUTS	9.4	9.9	8.6
TOTAL HORTICULTURAL SPECIALTIES	33.1	33.1	31.2
ORNAMENTAL FLORAL & NURSERY	29.8	29.8	27.9
FOOD CROPS GROWN UNDER COVER	3.3	3.3	3.3
GENERAL FARM PRIMARILY CROP	21.3	23.7	26.3
TOTAL AGRIC PRODUCTION/LIVESTOCK	25.5	25.6	25.9
BEEF CATTLE FEED LOTS	0.6	0.6	0.7
BEEF CATTLE EXCEPT FEED LOTS	3.5	3.5	3.8
DAIRY FARMS	13.5	13.5	13.1
CHICKEN EGGS	2.8	2.9	2.9
TURKEYS & TURKEY EGGS	1.0	1.0	1.1
OTHER LIVESTOCK	4.1	4.1	4.3
TOTAL AGRICULTURAL SERVICES	98.6	102.4	94.7
SOIL PREPARATION SERVICES	1.1	1.4	0.9
CROP SERVICES	36.6	39.7	36.9
PLANT CULTIVATE & PROTECTION	5.2	5.0	4.5
HARVEST PRIMARILY BY MACHINE	6.9	6.4	6.4
PREPARATION SVCS FOR MARKET	22.5	25.8	24.5
COTTON GINNING	2.0	2.5	1.5
TOTAL FARM LABOR & MANAGEMENT	60.9	61.3	56.9
FARM LABOR CONTRACTORS	53.6	54.6	50.0
FARM MANAGEMENT SERVICES	7.3	6.7	6.9

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 1-B
AGRICULTURAL PRODUCTION WORKERS (1)
CALIFORNIA
(IN THOUSANDS)

INDUSTRY	DEC 1993	NOV 1993	DEC 1992
TOTAL AGRICULTURAL	247.7	268.3	242.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	132.2	149.5	130.7
CASH GRAINS	1.7	2.2	1.7
RICE	0.8	1.2	0.8
OTHER CASH GRAINS	0.9	1.0	0.9
FIELD CROPS EXCEPT CASH GRAINS	9.5	11.4	8.1
COTTON	5.2	6.4	4.9
OTHER FIELD CROPS	4.3	5.0	3.2
VEGETABLES AND MELONS	19.7	28.0	19.4
TOTAL FRUITS AND TREE NUTS	55.6	59.8	53.6
BERRIES	4.3	11.1	5.9
GRAPES	21.1	17.0	19.4
TREE NUTS	5.4	7.2	6.2
CITRUS FRUITS	5.3	5.7	4.9
DECIDUOUS TREE FRUIT	10.7	9.5	10.1
OTHER FRUITS AND NUTS	8.8	9.3	7.1
TOTAL HORTICULTURAL SPECIALTIES	26.5	26.5	24.5
ORNAMENTAL FLORAL & NURSERY	23.6	23.6	21.6
FOOD CROPS GROWN UNDER COVER	2.9	2.9	2.9
GENERAL FARM PRIMARILY CROP	19.2	21.6	23.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	22.7	22.7	22.6
BEEF CATTLE FEED LOTS	0.5	0.5	0.5
BEEF CATTLE EXCEPT FEED LOTS	2.9	2.9	3.1
DAIRY FARMS	12.7	12.7	12.3
CHICKEN EGGS	2.3	2.2	2.2
TURKEYS & TURKEY EGGS	0.8	0.9	0.8
OTHER LIVESTOCK	3.5	3.5	3.7
TOTAL AGRICULTURAL SERVICES	92.8	96.1	88.9
SOIL PREPARATION SERVICES	0.8	1.1	0.6
CROP SERVICES	32.7	35.7	33.1
PLANT CULTIVATE & PROTECTION	4.6	4.3	3.6
HARVEST PRIMARILY BY MACHINE	6.3	5.9	6.1
PREPARATION SVCS FOR MARKET	20.1	23.3	22.2
COTTON GINNING	1.7	2.2	1.2
TOTAL FARM LABOR & MANAGEMENT	59.3	59.3	55.2
FARM LABOR CONTRACTORS	52.6	53.2	49.1
FARM MANAGEMENT SERVICES	6.7	6.1	6.1

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 1-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
CALIFORNIA
(IN DOLLARS PER WEEK)

INDUSTRY	DEC 1993	NOV 1993	DEC 1992
TOTAL AGRICULTURAL	265.88	272.40	253.20
TOTAL AGRICULTURAL PRODUCTION/CROPS	270.40	277.64	256.79
CASH GRAINS	289.06	329.40	327.88
RICE	276.07	314.50	308.91
OTHER CASH GRAINS	301.91	347.35	346.79
FIELD CROPS EXCEPT CASH GRAINS	310.10	340.60	276.12
COTTON	310.73	360.00	271.47
OTHER FIELD CROPS	310.00	316.44	284.47
VEGETABLES AND MELONS	313.74	318.72	300.80
TOTAL FRUITS AND TREE NUTS	240.02	235.52	223.73
BERRIES	205.97	216.73	177.65
GRAPES	259.69	264.98	243.01
TREE NUTS	222.81	244.76	231.27
CITRUS FRUITS	250.80	216.95	230.89
DECIDUOUS TREE FRUIT	218.45	219.11	212.91
OTHER FRUITS AND NUTS	240.50	224.22	215.02
TOTAL HORTICULTURAL SPECIALTIES	294.29	298.34	288.23
ORNAMENTAL FLORAL & NURSERY	285.66	288.34	277.30
FOOD CROPS GROWN UNDER COVER	366.61	383.80	365.89
GENERAL FARM PRIMARILY CROP	259.29	277.69	252.32
TOTAL AGRIC PRODUCTION/LIVESTOCK	341.42	342.90	335.71
BEEF CATTLE FEED LOTS	355.41	326.19	349.32
BEEF CATTLE EXCEPT FEED LOTS	303.79	306.52	295.71
DAIRY FARMS	362.11	361.37	351.09
CHICKEN EGGS	293.35	315.23	340.82
TURKEYS & TURKEY EGGS	356.96	352.97	323.82
OTHER LIVESTOCK	318.01	322.33	316.84
TOTAL AGRICULTURAL SERVICES	241.15	247.65	226.75
SOIL PREPARATION SERVICES	553.55	469.13	457.81
CROP SERVICES	279.73	292.25	264.55
PLANT CULTIVATE & PROTECTION	312.98	294.84	301.09
HARVEST PRIMARILY BY MACHINE	247.43	292.79	234.13
PREPARATION SVCS FOR MARKET	279.85	281.89	263.63
COTTON GINNING	323.04	392.54	316.37
TOTAL FARM LABOR & MANAGEMENT	215.68	216.38	200.91
FARM LABOR CONTRACTORS	208.89	207.04	194.64
FARM MANAGEMENT SERVICES	272.80	300.55	250.18

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 1-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
CALIFORNIA
(IN HOURS PER WEEK)

INDUSTRY	DEC 1993	NOV 1993	DEC 1992
TOTAL AGRICULTURAL	39.1	40.0	37.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	40.0	41.5	38.1
CASH GRAINS	38.8	45.0	45.1
RICE	35.9	41.6	40.7
OTHER CASH GRAINS	41.7	49.2	49.4
FIELD CROPS EXCEPT CASH GRAINS	47.2	52.0	41.9
COTTON	48.1	55.3	40.7
OTHER FIELD CROPS	46.2	47.8	43.9
VEGETABLES AND MELONS	42.0	43.6	40.0
TOTAL FRUITS AND TREE NUTS	36.7	36.8	35.4
BERRIES	33.6	34.9	27.5
GRAPES	37.8	37.8	37.1
TREE NUTS	37.7	42.2	39.0
CITRUS FRUITS	33.0	30.6	30.5
DECIDUOUS TREE FRUIT	36.9	37.2	36.9
OTHER FRUITS AND NUTS	37.0	36.4	35.6
TOTAL HORTICULTURAL SPECIALTIES	42.9	43.3	41.0
ORNAMENTAL FLORAL & NURSERY	42.7	43.1	40.6
FOOD CROPS GROWN UNDER COVER	44.6	45.1	43.3
GENERAL FARM PRIMARILY CROP	40.2	43.8	38.0
TOTAL AGRIC PRODUCTION/LIVESTOCK	46.2	46.4	45.8
BEEF CATTLE FEED LOTS	49.5	46.4	50.7
BEEF CATTLE EXCEPT FEED LOTS	39.3	38.8	40.9
DAIRY FARMS	49.0	48.9	47.0
CHICKEN EGGS	45.2	48.2	49.9
TURKEYS & TURKEY EGGS	46.6	46.2	51.4
OTHER LIVESTOCK	41.3	42.3	41.8
TOTAL AGRICULTURAL SERVICES	36.1	36.1	34.2
SOIL PREPARATION SERVICES	60.3	52.3	49.6
CROP SERVICES	37.7	39.6	37.0
PLANT CULTIVATE & PROTECTION	40.7	40.5	38.7
HARVEST PRIMARILY BY MACHINE	31.6	39.3	33.4
PREPARATION SVCS FOR MARKET	38.6	38.3	37.5
COTTON GINNING	42.9	52.2	40.2
TOTAL FARM LABOR & MANAGEMENT	34.9	33.6	32.3
FARM LABOR CONTRACTORS	34.3	32.3	31.7
FARM MANAGEMENT SERVICES	40.0	45.4	36.9

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 1-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
CALIFORNIA
(IN DOLLARS PER HOUR)

INDUSTRY	DEC 1993	NOV 1993	DEC 1992
TOTAL AGRICULTURAL	6.80	6.81	6.77
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.76	6.69	6.74
CASH GRAINS	7.45	7.32	7.27
RICE	7.69	7.56	7.59
OTHER CASH GRAINS	7.24	7.06	7.02
FIELD CROPS EXCEPT CASH GRAINS	6.57	6.55	6.59
COTTON	6.46	6.51	6.67
OTHER FIELD CROPS	6.71	6.62	6.48
VEGETABLES AND MELONS	7.47	7.31	7.52
TOTAL FRUITS AND TREE NUTS	6.54	6.40	6.32
BERRIES	6.13	6.21	6.46
GRAPES	6.87	7.01	6.55
TREE NUTS	5.91	5.80	5.93
CITRUS FRUITS	7.60	7.09	7.57
DECIDUOUS TREE FRUIT	5.92	5.89	5.77
OTHER FRUITS AND NUTS	6.50	6.16	6.04
TOTAL HORTICULTURAL SPECIALTIES	6.86	6.89	7.03
ORNAMENTAL FLORAL & NURSERY	6.69	6.69	6.83
FOOD CROPS GROWN UNDER COVER	8.22	8.51	8.45
GENERAL FARM PRIMARILY CROP	6.45	6.34	6.64
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.39	7.39	7.33
BEEF CATTLE FEED LOTS	7.18	7.03	6.89
BEEF CATTLE EXCEPT FEED LOTS	7.73	7.90	7.23
DAIRY FARMS	7.39	7.39	7.47
CHICKEN EGGS	6.49	6.54	6.83
TURKEYS & TURKEY EGGS	7.66	7.64	6.30
OTHER LIVESTOCK	7.70	7.62	7.58
TOTAL AGRICULTURAL SERVICES	6.68	6.86	6.63
SOIL PREPARATION SERVICES	9.18	8.97	9.23
CROP SERVICES	7.42	7.38	7.15
PLANT CULTIVATE & PROTECTION	7.69	7.28	7.78
HARVEST PRIMARILY BY MACHINE	7.83	7.45	7.01
PREPARATION SVCS FOR MARKET	7.25	7.36	7.03
COTTON GINNING	7.53	7.52	7.87
TOTAL FARM LABOR & MANAGEMENT	6.18	6.44	6.22
FARM LABOR CONTRACTORS	6.09	6.41	6.14
FARM MANAGEMENT SERVICES	6.82	6.62	6.78

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

SAN JOAQUIN

Wage and Salary Employer

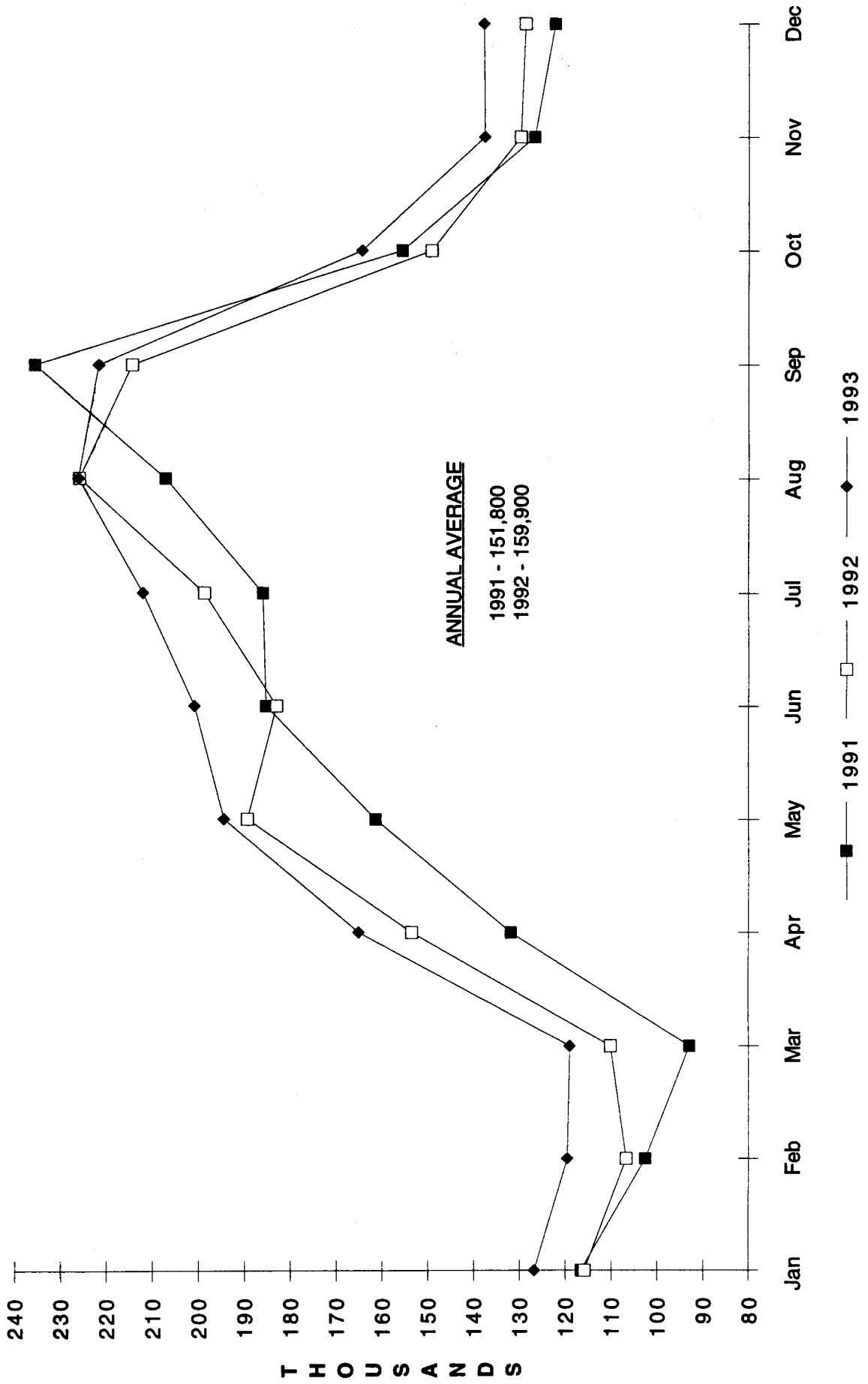


TABLE 2-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SAN JOAQUIN VALLEY REGION
(IN THOUSANDS)

INDUSTRY	DEC 1993	NOV 1993	DEC 1992
TOTAL AGRICULTURAL	137.6	137.3	125.8
* TOTAL AGRICULTURAL PRODUCTION/CROPS	63.8	64.9	59.8
TOTAL FIELD CROPS	8.4	10.3	7.6
COTTON	5.7	6.9	5.3
OTHER FIELD CROPS	2.7	3.4	2.3
VEGETABLES AND MELONS	3.4	4.8	2.9
TOTAL FRUITS AND TREE NUTS	34.5	32.3	30.8
GRAPES	15.3	13.6	13.7
TREE NUTS	4.3	4.8	4.4
CITRUS FRUITS	2.7	2.9	2.5
DECIDUOUS TREE FRUIT	6.1	4.9	5.9
OTHER FRUITS AND NUTS	6.1	6.1	4.3
HORTICULTURAL SPECIALTIES	5.7	4.6	4.7
GENERAL FARM PRIMARILY CROP	11.8	12.9	13.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	13.2	13.3	13.2
BEEF CATTLE FEED LOTS	0.2	0.2	0.3
BEEF CATTLE EXCEPT FEED LOTS	1.2	1.2	1.2
DAIRY FARMS	8.7	8.8	8.4
POULTRY & EGGS	1.9	1.9	2.1
OTHER LIVESTOCK	1.2	1.2	1.2
TOTAL AGRICULTURAL SERVICES	60.6	59.1	52.8
CROP SERVICES	19.8	22.6	19.1
PLANT CULTIVATE & PROTECTION	3.2	3.6	2.9
HARVEST PRIMARILY BY MACHINE	1.9	2.2	1.7
PREPARATION SVCS FOR MARKET	12.7	14.4	13.0
COTTON GINNING	2.0	2.4	1.5
TOTAL FARM LABOR & MANAGEMENT	40.8	36.5	33.7
FARM LABOR CONTRACTORS	36.5	32.3	30.2
FARM MANAGEMENT SERVICES	4.3	4.2	3.5

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 2-B
AGRICULTURAL PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN THOUSANDS)

INDUSTRY	DEC 1993	NOV 1993	DEC 1992
TOTAL AGRICULTURAL	126.7	125.9	114.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	57.3	58.5	52.6
TOTAL FIELD CROPS	7.4	9.2	6.6
COTTON	5.1	6.2	4.7
OTHER FIELD CROPS	2.3	3.0	1.9
VEGETABLES AND MELONS	2.9	4.3	2.5
TOTAL FRUITS AND TREE NUTS	32.2	30.2	28.1
GRAPES	14.4	12.7	12.9
TREE NUTS	3.8	4.4	4.0
CITRUS FRUITS	2.5	2.7	2.4
DECIDUOUS TREE FRUIT	5.8	4.6	5.5
OTHER FRUITS AND NUTS	5.7	5.8	3.3
HORTICULTURAL SPECIALTIES	4.2	3.1	3.2
GENERAL FARM PRIMARILY CROP	10.6	11.7	12.2
TOTAL AGRIC PRODUCTION/LIVESTOCK	12.1	12.1	12.0
BEEF CATTLE FEED LOTS	0.2	0.2	0.2
BEEF CATTLE EXCEPT FEED LOTS	1.0	1.0	1.0
DAIRY FARMS	8.2	8.2	7.9
POULTRY & EGGS	1.7	1.7	1.9
OTHER LIVESTOCK	1.0	1.0	1.0
TOTAL AGRICULTURAL SERVICES	57.3	55.3	49.4
CROP SERVICES	17.3	20.0	16.6
PLANT CULTIVATE & PROTECTION	2.7	3.1	2.3
HARVEST PRIMARILY BY MACHINE	1.5	1.8	1.5
PREPARATION SVCS FOR MARKET	11.4	13.0	11.6
COTTON GINNING	1.7	2.1	1.2
TOTAL FARM LABOR & MANAGEMENT	40.0	35.3	32.8
FARM LABOR CONTRACTORS	35.9	31.3	29.7
FARM MANAGEMENT SERVICES	4.1	4.0	3.1

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 2-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN DOLLARS PER WEEK)

INDUSTRY	DEC 1993	NOV 1993	DEC 1992
TOTAL AGRICULTURAL	251.81	262.51	238.83
TOTAL AGRICULTURAL PRODUCTION/CROPS	258.59	275.57	239.20
TOTAL FIELD CROPS	309.49	363.39	279.54
COTTON	311.21	360.00	271.21
OTHER FIELD CROPS	306.88	369.78	300.65
VEGETABLES AND MELONS	298.89	295.26	237.75
TOTAL FRUITS AND TREE NUTS	238.55	235.05	224.70
GRAPES	247.66	253.33	236.37
TREE NUTS	235.20	243.53	228.73
CITRUS FRUITS	263.19	226.07	208.66
DECIDUOUS TREE FRUIT	213.23	215.57	213.95
OTHER FRUITS AND NUTS	230.45	206.52	205.22
HORTICULTURAL SPECIALTIES	267.08	315.75	203.93
GENERAL FARM PRIMARILY CROP	269.87	295.41	259.49
TOTAL AGRIC PRODUCTION/LIVESTOCK	348.81	350.29	343.17
BEEF CATTLE FEED LOTS	306.28	308.37	340.81
BEEF CATTLE EXCEPT FEED LOTS	340.05	337.20	309.68
DAIRY FARMS	362.58	363.30	349.03
POULTRY & EGGS	319.45	326.34	342.00
OTHER LIVESTOCK	312.56	312.20	331.43
TOTAL AGRICULTURAL SERVICES	224.72	228.86	212.84
CROP SERVICES	269.60	274.85	264.70
PLANT CULTIVATE & PROTECTION	358.11	350.29	324.17
HARVEST PRIMARILY BY MACHINE	212.16	266.52	212.91
PREPARATION SVCS FOR MARKET	247.76	238.75	254.92
COTTON GINNING	324.20	396.66	310.40
TOTAL FARM LABOR & MANAGEMENT	204.97	202.98	186.44
FARM LABOR CONTRACTORS	198.36	191.43	179.92
FARM MANAGEMENT SERVICES	268.04	294.40	255.22

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 2-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN HOURS PER WEEK)

INDUSTRY	DEC 1993	NOV 1993	DEC 1992
TOTAL AGRICULTURAL	38.8	40.2	36.8
TOTAL AGRICULTURAL PRODUCTION/CROPS	39.3	42.2	37.2
TOTAL FIELD CROPS	46.4	54.4	42.1
COTTON	48.1	55.3	40.6
OTHER FIELD CROPS	42.8	52.6	45.9
VEGETABLES AND MELONS	41.0	44.2	37.5
TOTAL FRUITS AND TREE NUTS	36.7	36.9	36.3
GRAPES	36.8	37.2	37.4
TREE NUTS	40.0	42.5	38.9
CITRUS FRUITS	33.4	33.1	27.6
DECIDUOUS TREE FRUIT	36.7	36.6	37.8
OTHER FRUITS AND NUTS	35.4	33.8	33.1
HORTICULTURAL SPECIALTIES	38.1	42.1	29.3
GENERAL FARM PRIMARILY CROP	42.3	45.8	38.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	47.2	47.4	46.5
BEEF CATTLE FEED LOTS	40.3	42.3	47.4
BEEF CATTLE EXCEPT FEED LOTS	40.1	40.0	39.5
DAIRY FARMS	48.8	48.7	46.6
POULTRY & EGGS	43.7	44.4	47.5
OTHER LIVESTOCK	49.3	50.6	50.6
TOTAL AGRICULTURAL SERVICES	36.6	36.5	34.0
CROP SERVICES	39.3	40.9	37.6
PLANT CULTIVATE & PROTECTION	49.6	47.4	38.5
HARVEST PRIMARILY BY MACHINE	25.5	35.3	24.5
PREPARATION SVCS FOR MARKET	38.0	38.2	38.8
COTTON GINNING	43.4	53.1	40.0
TOTAL FARM LABOR & MANAGEMENT	35.4	34.0	32.2
FARM LABOR CONTRACTORS	34.8	32.5	31.4
FARM MANAGEMENT SERVICES	41.3	46.0	40.9

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 2-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN DOLLARS PER HOUR)

INDUSTRY	DEC 1993	NOV 1993	DEC 1992
TOTAL AGRICULTURAL	6.49	6.53	6.49
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.58	6.53	6.43
TOTAL FIELD CROPS	6.67	6.68	6.64
COTTON	6.47	6.51	6.68
OTHER FIELD CROPS	7.17	7.03	6.55
VEGETABLES AND MELONS	7.29	6.68	6.34
TOTAL FRUITS AND TREE NUTS	6.50	6.37	6.19
GRAPES	6.73	6.81	6.32
TREE NUTS	5.88	5.73	5.88
CITRUS FRUITS	7.88	6.83	7.56
DECIDUOUS TREE FRUIT	5.81	5.89	5.66
OTHER FRUITS AND NUTS	6.51	6.11	6.20
HORTICULTURAL SPECIALTIES	7.01	7.50	6.96
GENERAL FARM PRIMARILY CROP	6.38	6.45	6.74
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.39	7.39	7.38
BEEF CATTLE FEED LOTS	7.60	7.29	7.19
BEEF CATTLE EXCEPT FEED LOTS	8.48	8.43	7.84
DAIRY FARMS	7.43	7.46	7.49
POULTRY & EGGS	7.31	7.35	7.20
OTHER LIVESTOCK	6.34	6.17	6.55
TOTAL AGRICULTURAL SERVICES	6.14	6.27	6.26
CROP SERVICES	6.86	6.72	7.04
PLANT CULTIVATE & PROTECTION	7.22	7.39	8.42
HARVEST PRIMARILY BY MACHINE	8.32	7.55	8.69
PREPARATION SVCS FOR MARKET	6.52	6.25	6.57
COTTON GINNING	7.47	7.47	7.76
TOTAL FARM LABOR & MANAGEMENT	5.79	5.97	5.79
FARM LABOR CONTRACTORS	5.70	5.89	5.73
FARM MANAGEMENT SERVICES	6.49	6.40	6.24

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

SOUTH COAST

Wage and Salary Employment

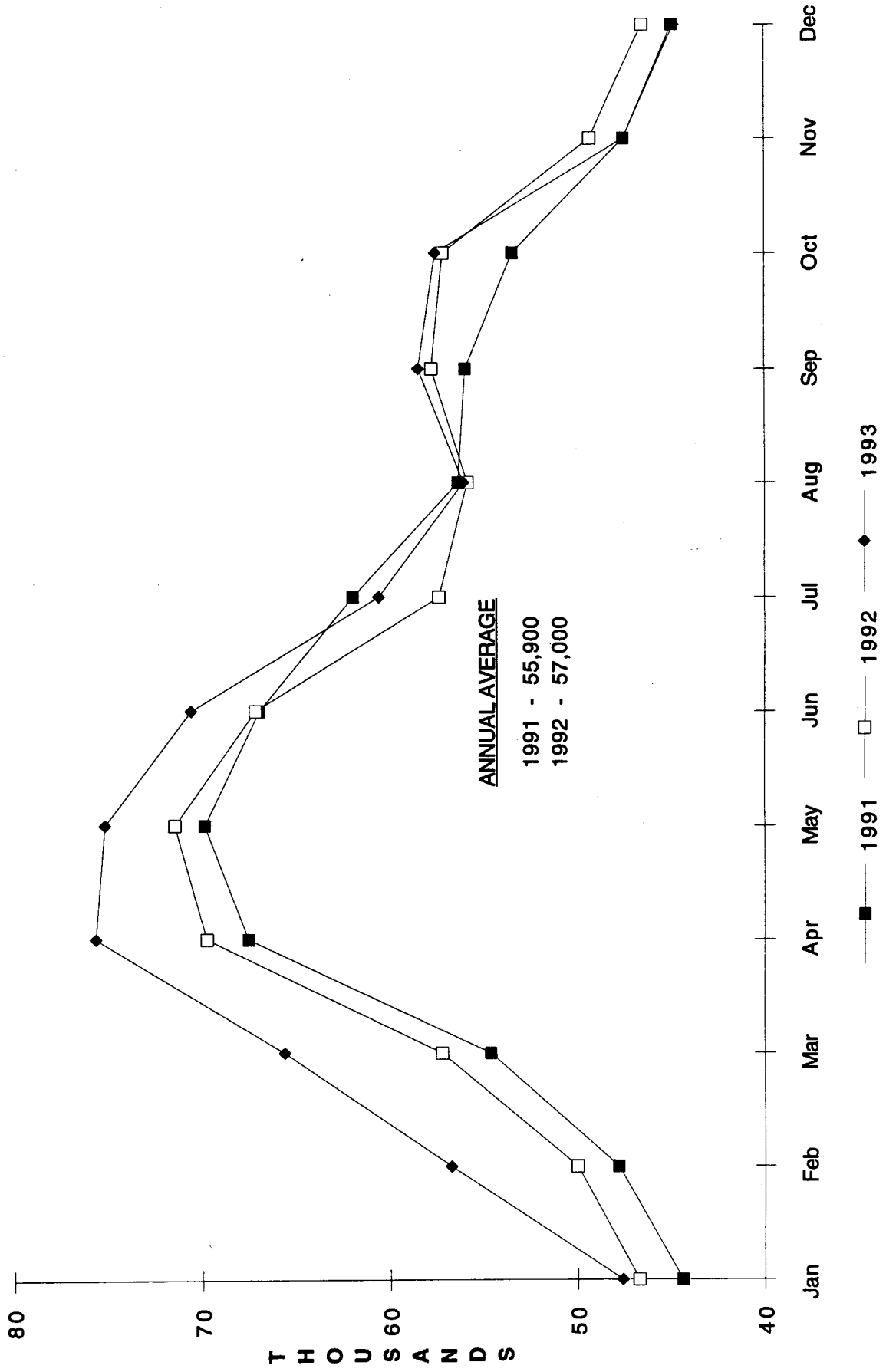


TABLE 3-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SOUTH COAST REGION
(IN THOUSANDS)

INDUSTRY	DEC 1993	NOV 1993	DEC 1992
TOTAL AGRICULTURAL	44.8	47.5	46.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	32.3	34.6	32.2
VEGETABLES AND MELONS	8.4	9.8	7.2
TOTAL FRUITS AND TREE NUTS	6.0	6.6	7.1
BERRIES	2.2	3.1	3.1
CITRUS FRUITS	1.5	1.3	1.6
OTHER FRUITS AND NUTS	2.3	2.2	2.4
TOTAL HORTICULTURAL SPECIALTIES	14.1	14.2	14.0
ORNAMENTAL FLORAL & NURSERY	13.4	13.5	13.3
FOOD CROPS GROWN UNDER COVER	0.7	0.7	0.7
GENERAL FARM PRIMARILY CROP	3.8	4.0	3.9
TOTAL AGRIC PRODUCTION/LIVESTOCK	2.1	2.2	2.2
TOTAL AGRICULTURAL SERVICES	10.4	10.7	12.1
CROP SERVICES	3.7	4.4	3.4
HARVEST PRIMARILY BY MACHINE	1.7	2.4	1.5
PREPARATION SVCS FOR MARKET	2.0	2.0	1.9
TOTAL FARM LABOR & MANAGEMENT	6.7	6.3	8.7
FARM LABOR CONTRACTORS	5.5	5.1	7.4
FARM MANAGEMENT SERVICES	1.2	1.2	1.3

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 3-B
AGRICULTURAL PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN THOUSANDS)

INDUSTRY	DEC 1993	NOV 1993	DEC 1992
TOTAL AGRICULTURAL	39.3	41.9	40.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	27.8	30.1	27.4
VEGETABLES AND MELONS	7.6	9.0	6.4
TOTAL FRUITS AND TREE NUTS	5.2	6.0	6.4
BERRIES	2.0	3.0	2.9
CITRUS FRUITS	1.1	1.0	1.3
OTHER FRUITS AND NUTS	2.1	2.0	2.2
TOTAL HORTICULTURAL SPECIALTIES	11.4	11.5	11.1
ORNAMENTAL FLORAL & NURSERY	10.8	10.9	10.5
FOOD CROPS GROWN UNDER COVER	0.6	0.6	0.6
GENERAL FARM PRIMARILY CROP	3.6	3.6	3.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.8	1.9	1.8
TOTAL AGRICULTURAL SERVICES	9.7	9.9	11.1
CROP SERVICES	3.5	4.1	3.1
HARVEST PRIMARILY BY MACHINE	1.6	2.3	1.4
PREPARATION SVCS FOR MARKET	1.9	1.8	1.7
TOTAL FARM LABOR & MANAGEMENT	6.2	5.8	8.0
FARM LABOR CONTRACTORS	5.2	4.8	7.0
FARM MANAGEMENT SERVICES	1.0	1.0	1.0

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 3-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	DEC 1993	NOV 1993	DEC 1992
TOTAL AGRICULTURAL	271.91	273.36	268.28
TOTAL AGRICULTURAL PRODUCTION/CROPS	279.97	284.00	286.07
VEGETABLES AND MELONS	305.75	319.47	291.46
TOTAL FRUITS AND TREE NUTS	243.84	244.55	273.69
BERRIES	219.04	216.71	208.60
CITRUS FRUITS	280.30	269.75	266.00
OTHER FRUITS AND NUTS	248.44	271.99	250.71
TOTAL HORTICULTURAL SPECIALTIES	290.39	278.21	291.36
ORNAMENTAL FLORAL & NURSERY	283.12	272.19	285.09
FOOD CROPS GROWN UNDER COVER	420.44	370.12	406.27
GENERAL FARM PRIMARILY CROP	245.67	279.60	280.74
TOTAL AGRIC PRODUCTION/LIVESTOCK	299.96	294.59	384.56
TOTAL AGRICULTURAL SERVICES	244.22	237.01	206.83
CROP SERVICES	291.15	270.40	271.80
HARVEST PRIMARILY BY MACHINE	291.84	280.49	258.57
PREPARATION SVCS FOR MARKET	291.36	257.20	282.37
TOTAL FARM LABOR & MANAGEMENT	218.10	212.55	181.55
FARM LABOR CONTRACTORS	197.50	188.62	164.86
FARM MANAGEMENT SERVICES	323.18	330.62	291.65

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 3-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	DEC 1993	NOV 1993	DEC 1992
TOTAL AGRICULTURAL	38.9	40.8	38.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	40.4	42.9	41.4
VEGETABLES AND MELONS	39.3	46.1	38.3
TOTAL FRUITS AND TREE NUTS	38.4	39.7	43.1
BERRIES	37.7	37.3	33.7
CITRUS FRUITS	41.1	41.5	38.0
OTHER FRUITS AND NUTS	37.7	42.3	41.1
TOTAL HORTICULTURAL SPECIALTIES	44.2	43.0	43.1
ORNAMENTAL FLORAL & NURSERY	44.1	43.0	43.0
FOOD CROPS GROWN UNDER COVER	46.0	41.4	45.7
GENERAL FARM PRIMARILY CROP	33.7	40.0	38.3
TOTAL AGRIC PRODUCTION/LIVESTOCK	40.7	40.3	50.6
TOTAL AGRICULTURAL SERVICES	34.3	34.3	27.8
CROP SERVICES	35.9	34.8	36.0
HARVEST PRIMARILY BY MACHINE	38.4	37.7	33.8
PREPARATION SVCS FOR MARKET	33.8	31.1	37.8
TOTAL FARM LABOR & MANAGEMENT	33.4	33.9	24.6
FARM LABOR CONTRACTORS	31.2	31.7	22.4
FARM MANAGEMENT SERVICES	44.7	44.8	39.2

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 3-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	DEC 1993	NOV 1993	DEC 1992
TOTAL AGRICULTURAL	6.99	6.70	7.06
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.93	6.62	6.91
VEGETABLES AND MELONS	7.78	6.93	7.61
TOTAL FRUITS AND TREE NUTS	6.35	6.16	6.35
BERRIES	5.81	5.81	6.19
CITRUS FRUITS	6.82	6.50	7.00
OTHER FRUITS AND NUTS	6.59	6.43	6.10
TOTAL HORTICULTURAL SPECIALTIES	6.57	6.47	6.76
ORNAMENTAL FLORAL & NURSERY	6.42	6.33	6.63
FOOD CROPS GROWN UNDER COVER	9.14	8.94	8.89
GENERAL FARM PRIMARILY CROP	7.29	6.99	7.33
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.37	7.31	7.60
TOTAL AGRICULTURAL SERVICES	7.12	6.91	7.44
CROP SERVICES	8.11	7.77	7.55
HARVEST PRIMARILY BY MACHINE	7.60	7.44	7.65
PREPARATION SVCS FOR MARKET	8.62	8.27	7.47
TOTAL FARM LABOR & MANAGEMENT	6.53	6.27	7.38
FARM LABOR CONTRACTORS	6.33	5.95	7.36
FARM MANAGEMENT SERVICES	7.23	7.38	7.44

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

CENTRAL COAST

Wage and Salary Employment

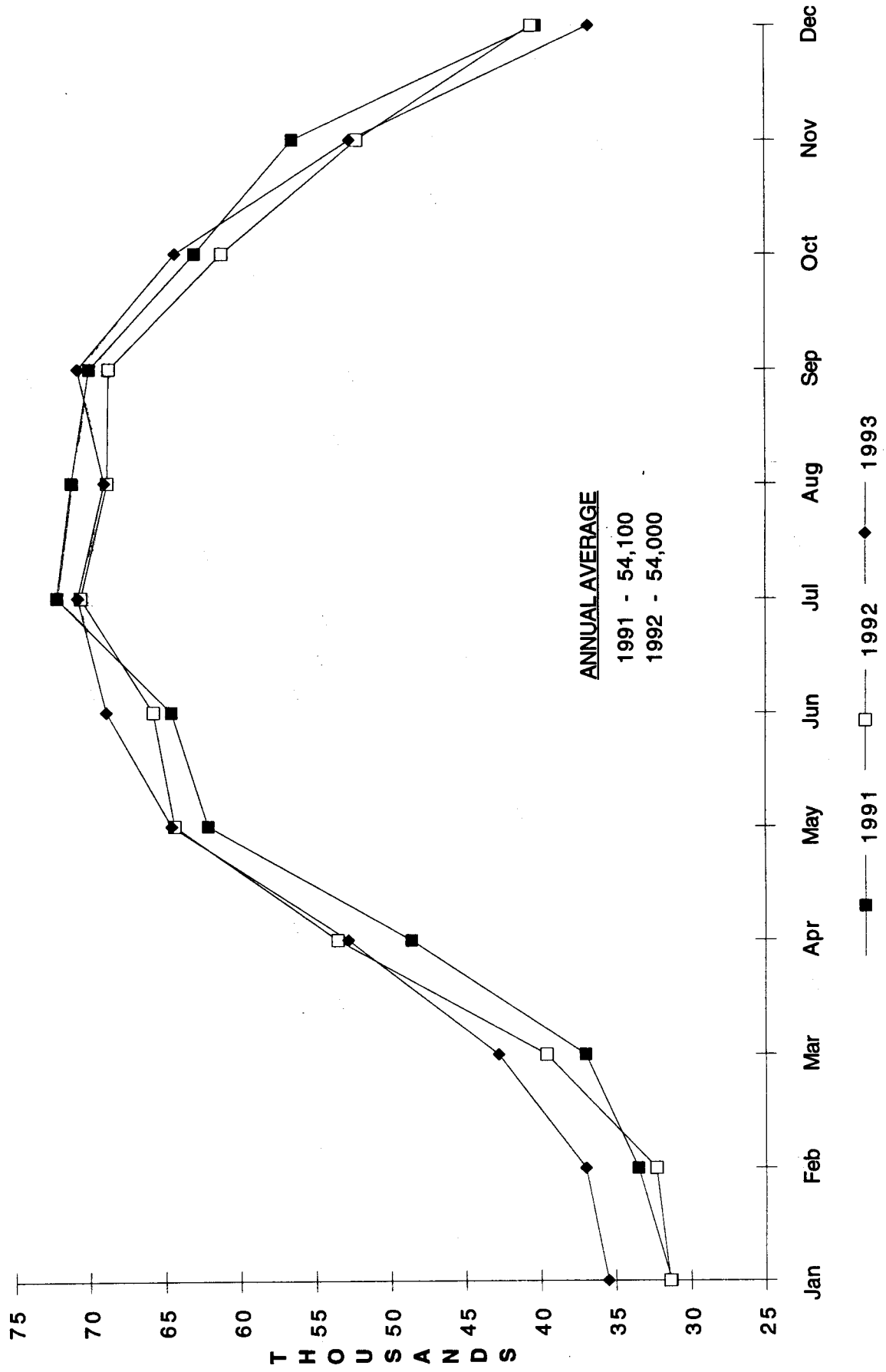


TABLE 4-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
CENTRAL COAST REGION
(IN THOUSANDS)

INDUSTRY	DEC 1993	NOV 1993	DEC 1992
TOTAL AGRICULTURAL	36.7	52.6	40.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	23.7	34.4	25.6
VEGETABLES AND MELONS	7.8	12.3	8.7
TOTAL FRUITS AND TREE NUTS	4.4	9.9	5.2
BERRIES	2.3	7.7	3.1
DECIDUOUS TREE FRUIT	1.1	1.1	0.9
OTHER FRUITS AND NUTS	1.0	1.1	1.2
TOTAL HORTICULTURAL SPECIALTIES	9.6	10.0	9.2
ORNAMENTAL FLORAL & NURSERY	7.5	7.9	7.1
FOOD CROPS GROWN UNDER COVER	2.1	2.1	2.1
GENERAL FARM PRIMARILY CROP	1.9	2.2	2.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.0	1.0	1.0
TOTAL AGRICULTURAL SERVICES	12.0	17.2	13.9
CROP SERVICES	7.1	7.8	8.6
HARVEST PRIMARILY BY MACHINE	2.8	2.7	3.2
PREPARATION SVCS FOR MARKET	4.3	5.1	5.4
TOTAL FARM LABOR & MANAGEMENT	4.9	9.4	5.3

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 4-B
AGRICULTURAL PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN THOUSANDS)

INDUSTRY	DEC 1993	NOV 1993	DEC 1992
TOTAL AGRICULTURAL	32.2	48.6	36.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	20.2	31.2	22.0
VEGETABLES AND MELONS	6.7	11.2	7.7
TOTAL FRUITS AND TREE NUTS	4.0	9.6	4.6
BERRIES	2.1	7.6	2.8
DECIDUOUS TREE FRUIT	1.0	1.0	0.8
OTHER FRUITS AND NUTS	0.9	1.0	1.0
TOTAL HORTICULTURAL SPECIALTIES	7.8	8.4	7.6
ORNAMENTAL FLORAL & NURSERY	5.9	6.6	5.7
FOOD CROPS GROWN UNDER COVER	1.9	1.8	1.9
GENERAL FARM PRIMARILY CROP	1.7	2.0	2.1
TOTAL AGRIC PRODUCTION/LIVESTOCK	0.7	0.7	0.8
TOTAL AGRICULTURAL SERVICES	11.3	16.7	13.2
CROP SERVICES	6.5	7.3	8.0
HARVEST PRIMARILY BY MACHINE	2.6	2.6	3.1
PREPARATION SVCS FOR MARKET	3.9	4.7	4.9
TOTAL FARM LABOR & MANAGEMENT	4.8	9.4	5.2

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 4-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	DEC 1993	NOV 1993	DEC 1992
TOTAL AGRICULTURAL	307.44	296.74	276.75
TOTAL AGRICULTURAL PRODUCTION/CROPS	306.98	293.04	280.46
VEGETABLES AND MELONS	328.97	323.05	311.65
TOTAL FRUITS AND TREE NUTS	265.58	243.25	166.56
BERRIES	216.81	227.62	135.87
DECIDUOUS TREE FRUIT	288.97	318.80	215.18
OTHER FRUITS AND NUTS	356.07	282.88	220.38
TOTAL HORTICULTURAL SPECIALTIES	323.63	317.11	317.01
ORNAMENTAL FLORAL & NURSERY	310.05	297.00	307.10
FOOD CROPS GROWN UNDER COVER	367.43	388.91	349.03
GENERAL FARM PRIMARILY CROP	244.46	259.68	280.43
TOTAL AGRIC PRODUCTION/LIVESTOCK	308.61	309.62	272.68
TOTAL AGRICULTURAL SERVICES	308.85	302.96	270.75
CROP SERVICES	352.10	385.42	305.14
HARVEST PRIMARILY BY MACHINE	319.43	327.10	286.63
PREPARATION SVCS FOR MARKET	374.55	418.50	316.59
TOTAL FARM LABOR & MANAGEMENT	250.75	237.67	219.41

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 4-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	DEC 1993	NOV 1993	DEC 1992
TOTAL AGRICULTURAL	40.4	39.2	36.9
TOTAL AGRICULTURAL PRODUCTION/CROPS	42.4	41.1	37.9
VEGETABLES AND MELONS	43.4	41.9	39.6
TOTAL FRUITS AND TREE NUTS	37.3	36.8	24.0
BERRIES	33.0	35.4	19.3
DECIDUOUS TREE FRUIT	41.4	47.3	40.6
OTHER FRUITS AND NUTS	42.9	36.5	25.1
TOTAL HORTICULTURAL SPECIALTIES	45.2	44.6	42.1
ORNAMENTAL FLORAL & NURSERY	45.0	44.0	42.3
FOOD CROPS GROWN UNDER COVER	45.7	46.8	41.8
GENERAL FARM PRIMARILY CROP	37.9	42.5	46.2
TOTAL AGRIC PRODUCTION/LIVESTOCK	40.5	39.9	37.2
TOTAL AGRICULTURAL SERVICES	36.9	35.6	35.3
CROP SERVICES	40.8	42.4	38.0
HARVEST PRIMARILY BY MACHINE	37.1	41.3	40.2
PREPARATION SVCS FOR MARKET	43.3	43.1	36.6
TOTAL FARM LABOR & MANAGEMENT	31.7	30.2	31.3

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 4-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	DEC 1993	NOV 1993	DEC 1992
TOTAL AGRICULTURAL	7.61	7.57	7.50
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.24	7.13	7.40
VEGETABLES AND MELONS	7.58	7.71	7.87
TOTAL FRUITS AND TREE NUTS	7.12	6.61	6.94
BERRIES	6.57	6.43	7.04
DECIDUOUS TREE FRUIT	6.98	6.74	5.30
OTHER FRUITS AND NUTS	8.30	7.75	8.78
TOTAL HORTICULTURAL SPECIALTIES	7.16	7.11	7.53
ORNAMENTAL FLORAL & NURSERY	6.89	6.75	7.26
FOOD CROPS GROWN UNDER COVER	8.04	8.31	8.35
GENERAL FARM PRIMARILY CROP	6.45	6.11	6.07
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.62	7.76	7.33
TOTAL AGRICULTURAL SERVICES	8.37	8.51	7.67
CROP SERVICES	8.63	9.09	8.03
HARVEST PRIMARILY BY MACHINE	8.61	7.92	7.13
PREPARATION SVCS FOR MARKET	8.65	9.71	8.65
TOTAL FARM LABOR & MANAGEMENT	7.91	7.87	7.01

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

DESERT

Wage and Salary
Emolvment

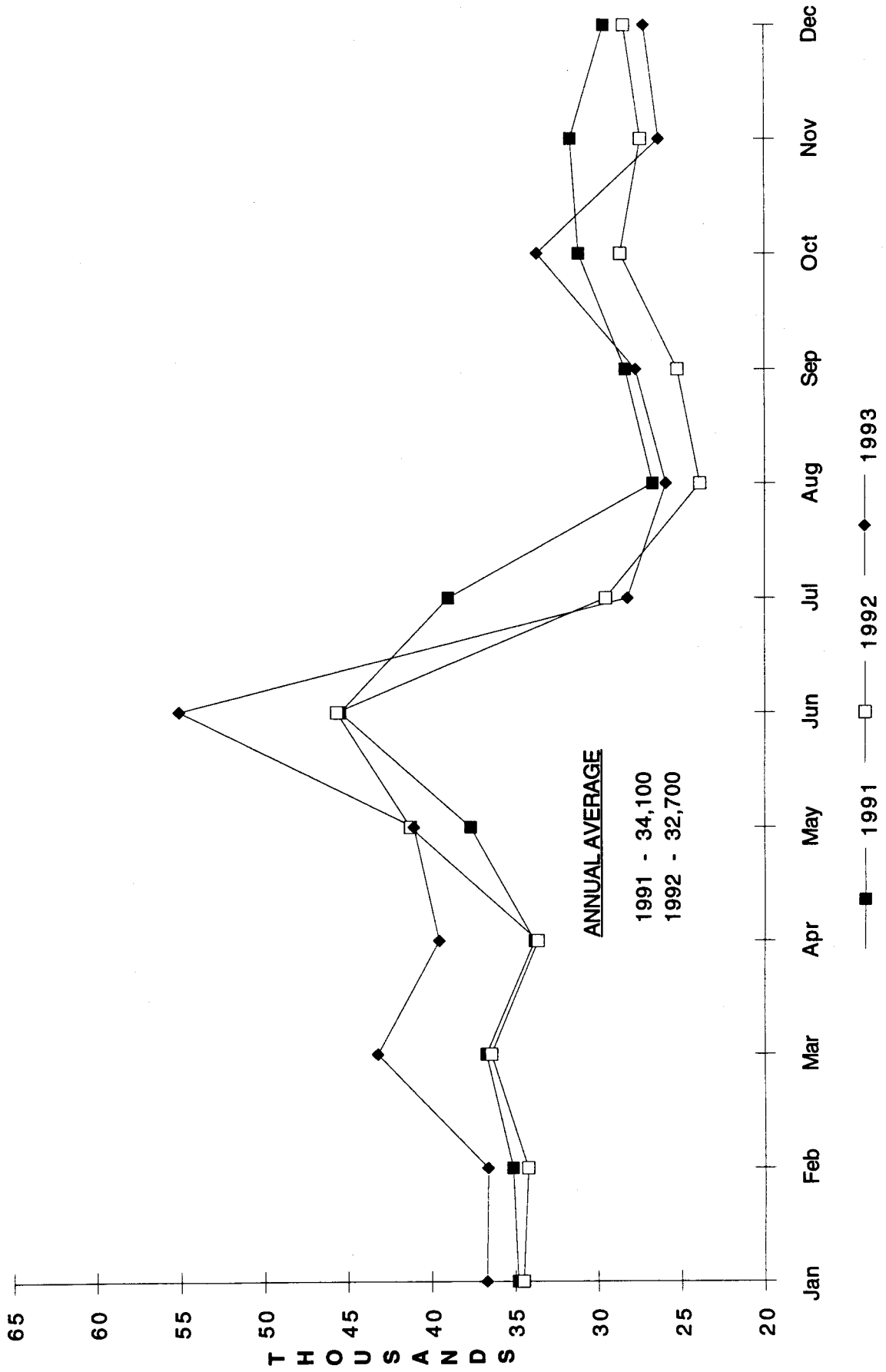


TABLE 5-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
DESERT REGION
(IN THOUSANDS)

INDUSTRY	DEC 1993	NOV 1993	DEC 1992
TOTAL AGRICULTURAL	27.2	26.3	28.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	11.9	11.3	12.0
FIELD CROPS	1.6	1.7	1.3
VEGETABLES AND MELONS	2.0	1.8	2.5
TOTAL FRUITS AND TREE NUTS	5.0	4.5	4.4
GRAPES	2.3	1.6	2.2
CITRUS FRUITS	1.6	1.5	1.1
OTHER FRUITS AND NUTS	1.1	1.4	1.1
HORTICULTURAL SPECIALTIES	1.2	1.2	0.9
GENERAL FARM PRIMARILY CROP	2.1	2.1	2.9
TOTAL AGRIC PRODUCTION/LIVESTOCK	5.4	5.6	5.5
DAIRY FARMS	2.7	2.7	2.6
CHICKEN EGGS	1.2	1.3	1.2
OTHER LIVESTOCK	1.5	1.6	1.7
TOTAL AGRICULTURAL SERVICES	9.9	9.4	10.9
CROP SERVICES	4.6	4.2	4.6
PLANT CULTIVATE & PROTECTION	0.9	1.0	0.6
HARVEST PRIMARILY BY MACHINE	1.3	0.8	1.0
PREPARATION SVCS FOR MARKET	2.4	2.4	3.0
TOTAL FARM LABOR & MANAGEMENT	5.3	5.2	6.3

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 5-B
AGRICULTURAL PRODUCTION WORKERS (1)
DESERT REGION
(IN THOUSANDS)

INDUSTRY	DEC 1993	NOV 1993	DEC 1992
TOTAL AGRICULTURAL	25.3	24.1	26.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	11.0	10.5	10.7
FIELD CROPS	1.4	1.6	1.1
VEGETABLES AND MELONS	1.9	1.7	2.1
TOTAL FRUITS AND TREE NUTS	4.7	4.2	4.1
GRAPES	2.2	1.4	2.1
CITRUS FRUITS	1.5	1.5	1.0
OTHER FRUITS AND NUTS	1.0	1.3	1.0
HORTICULTURAL SPECIALTIES	1.0	1.0	0.8
GENERAL FARM PRIMARILY CROP	2.0	2.0	2.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	4.8	4.9	5.0
DAIRY FARMS	2.6	2.6	2.6
CHICKEN EGGS	0.9	0.9	0.9
OTHER LIVESTOCK	1.3	1.4	1.5
TOTAL AGRICULTURAL SERVICES	9.5	8.7	10.6
CROP SERVICES	4.2	3.7	4.3
PLANT CULTIVATE & PROTECTION	0.7	0.9	0.5
HARVEST PRIMARILY BY MACHINE	1.3	0.6	1.0
PREPARATION SVCS FOR MARKET	2.2	2.2	2.8
TOTAL FARM LABOR & MANAGEMENT	5.3	5.0	6.3

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. * EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 5-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
DESERT REGION
(IN DOLLARS PER WEEK)

INDUSTRY	DEC 1993	NOV 1993	DEC 1992
TOTAL AGRICULTURAL	278.36	284.00	271.75
TOTAL AGRICULTURAL PRODUCTION/CROPS	265.85	259.94	256.40
FIELD CROPS	281.25	241.80	280.32
VEGETABLES AND MELONS	264.01	258.50	301.44
TOTAL FRUITS AND TREE NUTS	267.02	276.45	247.11
GRAPES	253.04	307.48	258.62
CITRUS FRUITS	294.81	278.40	245.99
OTHER FRUITS AND NUTS	254.72	238.37	223.29
HORTICULTURAL SPECIALTIES	314.70	273.67	267.54
GENERAL FARM PRIMARILY CROP	226.61	233.64	220.90
TOTAL AGRIC PRODUCTION/LIVESTOCK	402.30	405.50	377.88
DAIRY FARMS	484.54	481.00	425.72
CHICKEN EGGS	270.56	315.86	317.03
OTHER LIVESTOCK	335.83	320.11	330.31
TOTAL AGRICULTURAL SERVICES	229.64	245.03	237.97
CROP SERVICES	214.88	244.14	204.56
PLANT CULTIVATE & PROTECTION	263.45	233.49	233.58
HARVEST PRIMARILY BY MACHINE	163.50	265.54	138.81
PREPARATION SVCS FOR MARKET	229.45	242.56	221.91
TOTAL FARM LABOR & MANAGEMENT	240.69	245.59	260.43

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 5-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
DESERT REGION
(IN HOURS PER WEEK)

INDUSTRY	DEC 1993	NOV 1993	DEC 1992
TOTAL AGRICULTURAL	40.4	41.1	40.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	40.9	41.0	40.0
FIELD CROPS	45.0	40.3	43.8
VEGETABLES AND MELONS	44.9	44.8	48.0
TOTAL FRUITS AND TREE NUTS	39.5	41.2	37.9
GRAPES	39.6	46.8	40.6
CITRUS FRUITS	39.1	38.4	31.7
OTHER FRUITS AND NUTS	39.8	38.2	38.3
HORTICULTURAL SPECIALTIES	42.7	37.8	39.0
GENERAL FARM PRIMARILY CROP	36.2	39.4	35.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	50.1	50.0	47.0
DAIRY FARMS	53.6	52.0	44.3
CHICKEN EGGS	44.5	50.7	51.3
OTHER LIVESTOCK	47.3	45.6	49.3
TOTAL AGRICULTURAL SERVICES	34.9	36.3	37.3
CROP SERVICES	34.0	39.0	33.7
PLANT CULTIVATE & PROTECTION	46.3	43.0	36.9
HARVEST PRIMARILY BY MACHINE	25.0	37.4	24.7
PREPARATION SVCS FOR MARKET	35.3	37.9	36.2
TOTAL FARM LABOR & MANAGEMENT	35.5	34.3	39.7

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 5-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
DESERT REGION
(IN DOLLARS PER HOUR)

INDUSTRY	DEC 1993	NOV 1993	DEC 1992
TOTAL AGRICULTURAL	6.89	6.91	6.76
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.50	6.34	6.41
FIELD CROPS	6.25	6.00	6.40
VEGETABLES AND MELONS	5.88	5.77	6.28
TOTAL FRUITS AND TREE NUTS	6.76	6.71	6.52
GRAPES	6.39	6.57	6.37
CITRUS FRUITS	7.54	7.25	7.76
OTHER FRUITS AND NUTS	6.40	6.24	5.83
HORTICULTURAL SPECIALTIES	7.37	7.24	6.86
GENERAL FARM PRIMARILY CROP	6.26	5.93	6.24
TOTAL AGRIC PRODUCTION/LIVESTOCK	8.03	8.11	8.04
DAIRY FARMS	9.04	9.25	9.61
CHICKEN EGGS	6.08	6.23	6.18
OTHER LIVESTOCK	7.10	7.02	6.70
TOTAL AGRICULTURAL SERVICES	6.58	6.75	6.38
CROP SERVICES	6.32	6.26	6.07
PLANT CULTIVATE & PROTECTION	5.69	5.43	6.33
HARVEST PRIMARILY BY MACHINE	6.54	7.10	5.62
PREPARATION SVCS FOR MARKET	6.50	6.40	6.13
TOTAL FARM LABOR & MANAGEMENT	6.78	7.16	6.56

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

SACRAMENTO
Wage and Salary
Employment

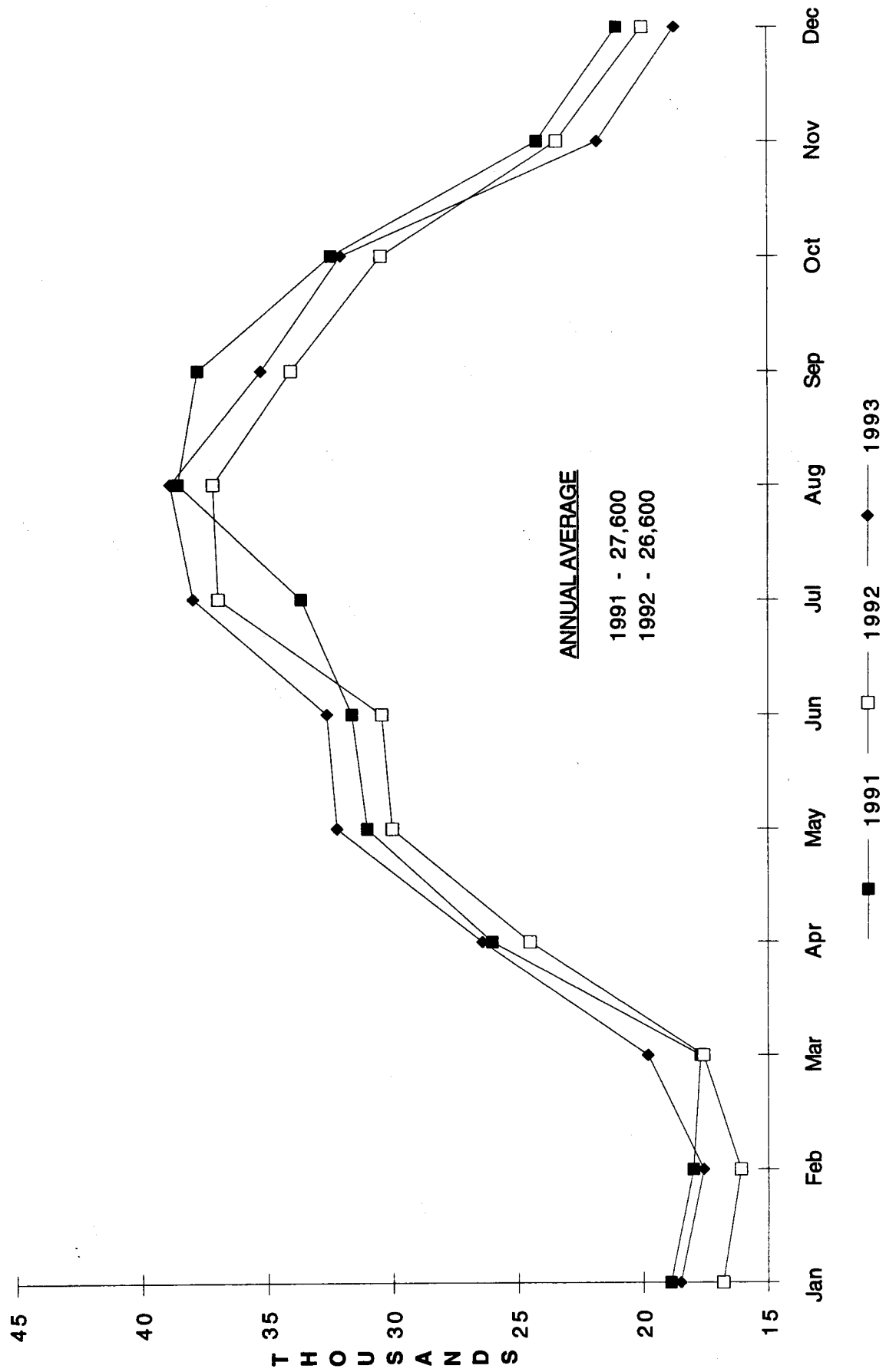


TABLE 6-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SACRAMENTO VALLEY REGION
(IN THOUSANDS)

INDUSTRY	DEC 1993	NOV 1993	DEC 1992
TOTAL AGRICULTURAL	18.7	21.8	20.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	13.6	15.8	14.1
RICE	0.9	1.2	1.0
VEGETABLES AND MELONS	0.7	1.1	0.7
TOTAL FRUIT AND TREE NUTS	6.8	7.3	6.8
TREE NUTS	2.0	2.3	1.9
DECIDUOUS TREE FRUIT	3.4	3.5	2.9
OTHER FRUITS AND NUTS	1.4	1.5	2.0
HORTICULTURAL SPECIALTIES	1.5	1.5	1.1
GENERAL FARM PRIMARILY CROP	3.7	4.7	4.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.7	1.7	2.0
TOTAL AGRICULTURAL SERVICES	3.4	4.3	3.9
CROP SERVICES	1.7	2.2	2.0
HARVEST PRIMARILY BY MACHINE	0.6	0.7	0.8
PREPARATION SVCS FOR MARKET	1.1	1.5	1.2
TOTAL FARM LABOR & MANAGEMENT	1.7	2.1	1.9

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 6-B
AGRICULTURAL PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN THOUSANDS)

INDUSTRY	DEC 1993	NOV 1993	DEC 1992
TOTAL AGRICULTURAL	15.9	19.1	17.1
TOTAL AGRICULTURAL PRODUCTION/CROPS	11.7	14.1	12.1
RICE	0.7	1.0	0.7
VEGETABLES AND MELONS	0.6	1.0	0.5
TOTAL FRUIT AND TREE NUTS	6.1	6.6	6.3
TREE NUTS	1.9	2.2	1.7
DECIDUOUS TREE FRUIT	3.0	3.1	2.7
OTHER FRUITS AND NUTS	1.2	1.3	1.9
HORTICULTURAL SPECIALTIES	1.3	1.3	0.9
GENERAL FARM PRIMARILY CROP	3.0	4.2	3.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.5	1.4	1.8
TOTAL AGRICULTURAL SERVICES	2.7	3.6	3.2
CROP SERVICES	1.1	1.7	1.4
HARVEST PRIMARILY BY MACHINE	0.3	0.4	0.5
PREPARATION SVCS FOR MARKET	0.8	1.3	0.9
TOTAL FARM LABOR & MANAGEMENT	1.6	1.9	1.8

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 6-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN DOLLARS PER WEEK)

INDUSTRY	DEC 1993	NOV 1993	DEC 1992
TOTAL AGRICULTURAL	256.41	272.95	260.80
TOTAL AGRICULTURAL PRODUCTION/CROPS	251.56	273.88	263.25
RICE	270.48	313.61	330.04
VEGETABLES AND MELONS	279.66	362.39	351.18
TOTAL FRUIT AND TREE NUTS	211.32	223.06	225.62
TREE NUTS	203.80	258.12	233.87
DECIDUOUS TREE FRUIT	211.58	189.39	218.33
OTHER FRUITS AND NUTS	222.50	244.18	227.12
HORTICULTURAL SPECIALTIES	278.85	322.46	308.42
GENERAL FARM PRIMARILY CROP	311.16	307.92	291.75
TOTAL AGRIC PRODUCTION/LIVESTOCK	291.92	312.53	293.27
TOTAL AGRICULTURAL SERVICES	259.50	252.12	234.19
CROP SERVICES	303.32	283.72	267.18
HARVEST PRIMARILY BY MACHINE	212.53	230.80	275.37
PREPARATION SVCS FOR MARKET	337.13	302.09	262.36
TOTAL FARM LABOR & MANAGEMENT	227.55	224.47	207.90

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 6-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN HOURS PER WEEK)

INDUSTRY	DEC 1993	NOV 1993	DEC 1992
TOTAL AGRICULTURAL	38.5	41.8	40.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	38.0	42.2	40.5
RICE	33.6	39.9	40.2
VEGETABLES AND MELONS	31.6	43.4	37.6
TOTAL FRUIT AND TREE NUTS	34.7	38.0	38.7
TREE NUTS	32.4	41.7	37.6
DECIDUOUS TREE FRUIT	34.8	33.7	35.5
OTHER FRUITS AND NUTS	38.1	42.1	44.1
HORTICULTURAL SPECIALTIES	43.3	48.2	48.8
GENERAL FARM PRIMARILY CROP	44.9	47.3	42.1
TOTAL AGRIC PRODUCTION/LIVESTOCK	44.5	46.3	44.3
TOTAL AGRICULTURAL SERVICES	37.5	38.2	35.7
CROP SERVICES	41.1	41.0	36.6
HARVEST PRIMARILY BY MACHINE	26.7	32.1	33.5
PREPARATION SVCS FOR MARKET	46.5	44.1	38.3
TOTAL FARM LABOR & MANAGEMENT	34.9	35.8	35.0

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 6-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN DOLLARS PER HOUR)

INDUSTRY	DEC 1993	NOV 1993	DEC 1992
TOTAL AGRICULTURAL	6.66	6.53	6.52
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.62	6.49	6.50
RICE	8.05	7.86	8.21
VEGETABLES AND MELONS	8.85	8.35	9.34
TOTAL FRUIT AND TREE NUTS	6.09	5.87	5.83
TREE NUTS	6.29	6.19	6.22
DECIDUOUS TREE FRUIT	6.08	5.62	6.15
OTHER FRUITS AND NUTS	5.84	5.80	5.15
HORTICULTURAL SPECIALTIES	6.44	6.69	6.32
GENERAL FARM PRIMARILY CROP	6.93	6.51	6.93
TOTAL AGRIC PRODUCTION/LIVESTOCK	6.56	6.75	6.62
TOTAL AGRICULTURAL SERVICES	6.92	6.60	6.56
CROP SERVICES	7.38	6.92	7.30
HARVEST PRIMARILY BY MACHINE	7.96	7.19	8.22
PREPARATION SVCS FOR MARKET	7.25	6.85	6.85
TOTAL FARM LABOR & MANAGEMENT	6.52	6.27	5.94

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

NORTH COAST

Wage and Salary Employment

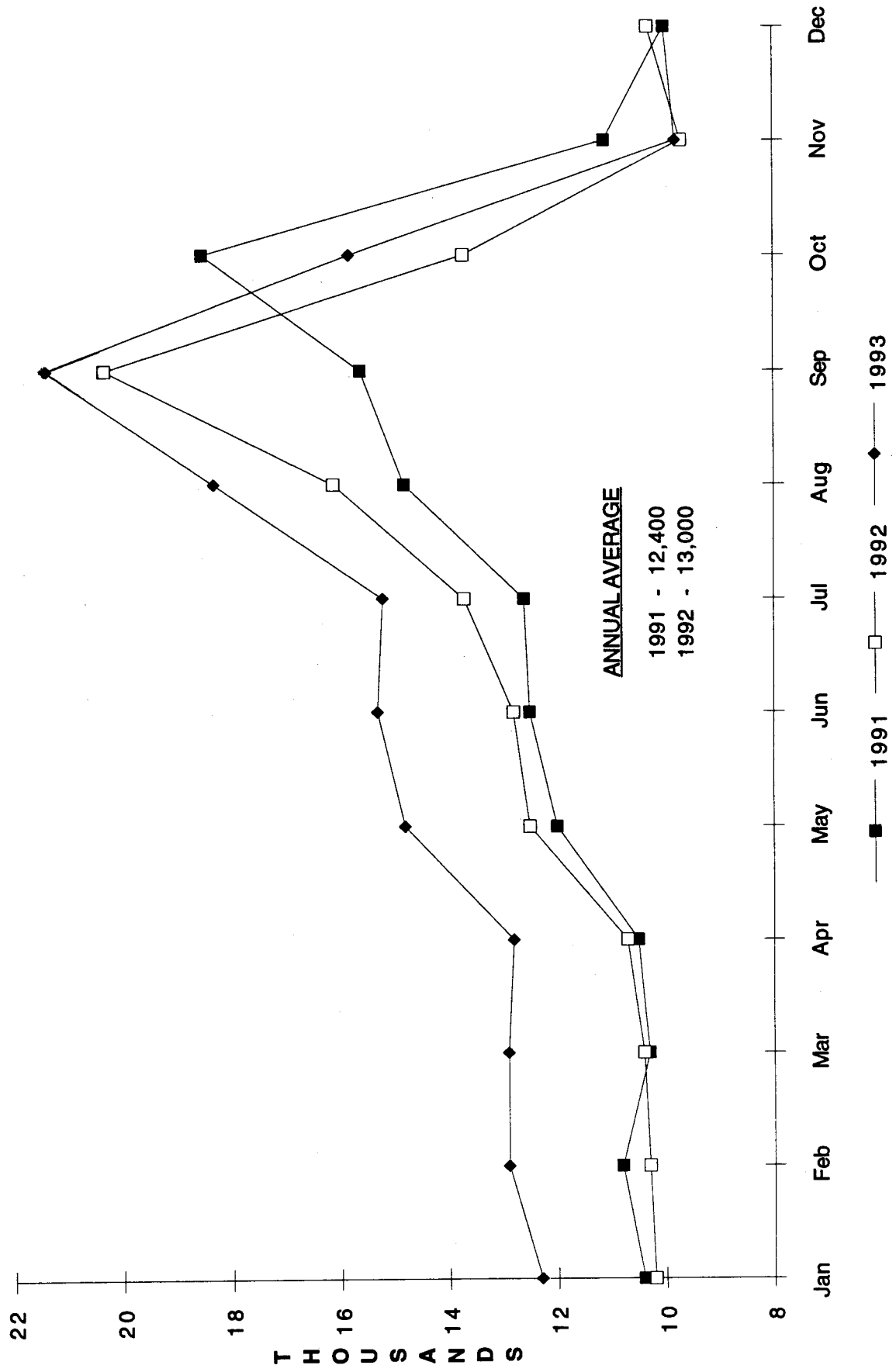


TABLE 7-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
NORTH COAST REGION
(IN THOUSANDS)

INDUSTRY	DEC 1993	NOV 1993	DEC 1992
TOTAL AGRICULTURAL	10.0	9.8	10.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.8	6.7	7.2
TOTAL FRUITS AND TREE NUTS	5.0	4.8	5.4
GRAPES	3.9	3.7	4.2
OTHER FRUITS AND NUTS	1.1	1.1	1.2
TOTAL HORTICULTURAL SPECIALTIES	1.0	1.0	1.2
GENERAL FARM PRIMARILY CROP (2)	0.8	0.9	0.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.8	1.8	1.8
TOTAL AGRICULTURAL SERVICES	1.4	1.3	1.3

- (1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.
- (2) INSUFFICIENT SAMPLE TO SUPPORT PRODUCTION WORKER, HOURS, OR EARNINGS ESTIMATES.

TABLE 7-B
AGRICULTURAL PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN THOUSANDS)

INDUSTRY	DEC 1993	NOV 1993	DEC 1992
TOTAL AGRICULTURAL	7.5	7.4	7.9
TOTAL AGRICULTURAL PRODUCTION/CROPS	4.9	4.9	5.4
TOTAL FRUITS AND TREE NUTS	3.4	3.3	3.9
GRAPES	2.4	2.3	2.8
OTHER FRUITS AND NUTS	1.0	1.0	1.1
TOTAL HORTICULTURAL SPECIALTIES	0.8	0.8	1.0
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.5	1.6	1.5
TOTAL AGRICULTURAL SERVICES	1.1	0.9	1.0

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	DEC 1993	NOV 1993	DEC 1992
TOTAL AGRICULTURAL	284.40	275.22	258.09
TOTAL AGRICULTURAL PRODUCTION/CROPS	263.87	261.00	229.52
TOTAL FRUITS AND TREE NUTS	264.41	247.74	225.26
GRAPES	292.80	283.11	243.35
OTHER FRUITS AND NUTS	194.75	163.10	178.75
TOTAL HORTICULTURAL SPECIALTIES	306.81	288.23	262.74
TOTAL AGRIC PRODUCTION/LIVESTOCK	319.46	303.52	302.58
TOTAL AGRICULTURAL SERVICES	327.46	301.79	346.63

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 7-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	DEC 1993	NOV 1993	DEC 1992
TOTAL AGRICULTURAL	38.8	38.6	36.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	36.7	36.2	32.1
TOTAL FRUITS AND TREE NUTS	34.7	31.6	30.4
GRAPES	36.6	34.4	31.4
OTHER FRUITS AND NUTS	30.1	24.9	27.8
TOTAL HORTICULTURAL SPECIALTIES	41.8	41.0	38.3
TOTAL AGRIC PRODUCTION/LIVESTOCK	45.9	44.9	45.5
TOTAL AGRICULTURAL SERVICES	37.9	40.4	44.9

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 7-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	DEC 1993	NOV 1993	DEC 1992
TOTAL AGRICULTURAL	7.33	7.13	7.11
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.19	7.21	7.15
TOTAL FRUITS AND TREE NUTS	7.62	7.84	7.41
GRAPES	8.00	8.23	7.75
OTHER FRUITS AND NUTS	6.47	6.55	6.43
TOTAL HORTICULTURAL SPECIALTIES	7.34	7.03	6.86
TOTAL AGRIC PRODUCTION/LIVESTOCK	6.96	6.76	6.65
TOTAL AGRICULTURAL SERVICES	8.64	7.47	7.72

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.